Asst. Prof. VEYSEL ÇOBAN

Personal Information

Office Phone: +90 228 214 1879
Email: veysel.coban@bilecik.edu.tr
Web: https://avesis.bilecik.edu.tr/veysel.coban

International Researcher IDs
ScholarID: mI1gIR0AAAAJ
ORCID: 0000-0002-7885-1935
Publons / Web Of Science ResearcherID: AAN-2541-2020
ScopusID: 56533912100
Yoksis Researcher ID: 176058

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 2012 - 2018
Postgraduate, Isik University, Institute Of Science, Endüstri Mühendisliği-Yöneylem Araştırması (Yl) (Tezli), Turkey 2009 - 2011
Undergraduate, Isik University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2003 - 2008

Dissertations

Doctorate, Modeling Turkey's solar energy potential under different conditions, Istanbul Technical University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), 2018
Postgraduate, Statistical Analysis of Bus Transportation Networks for Four Largest Cities in Turkey, Isik University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği-Yöneylem Araştırması (Yl) (Tezli), 2011

Research Areas

Industrial Engineering, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2019 - Continues
Lecturer, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, Endüstri Mühendisliği, 2018 - 2019
Research Assistant, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2012 - 2018
Research Assistant, Isik University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2009 - 2011

Academic and Administrative Experience

Bilecik Seyh Edebali University, 2019 - Continues

Courses

Courses

Toplam Kalite Yönetimi, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020
İstatiksel Proses Kontrol, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Ergonomi, Undergraduate, 2022 - 2023
Kalite Mühendisliği, Undergraduate, 2021 - 2022, 2020 - 2021
Mühendislik Ekonomisi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Güneş Enerjisi Teknolojisi, Postgraduate, 2020 - 2021
Üretim Planlama ve Kontrol, Undergraduate, 2019 - 2020
Yönetim ve Organizasyon, Undergraduate, 2019 - 2020

Advising Theses

ÇOBAN V., YALIN ÜRETİM SİSTEMİ: SERAMİK FABRİKASINDA BİR UYGULAMA, Postgraduate, G.ÇAKIR(Student), 2023

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Developing random indices and consistency ratios for inconsistency methods in pairwise comparison**
ÇOBAN V.
Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.38, no.2, pp.781-794, 2022 (SCI-Expanded)

II. **Evaluation of the impact of blockchain technology on supply chain using cognitive maps**
Budak A., ÇOBAN V.
Expert Systems with Applications, vol.184, 2021 (SCI-Expanded)

III. **Precipitation forecasting in Marmara region of Turkey**
ÇOBAN V., GÜLER E., KILIÇ T., Kandemir S. Y.
Arabian Journal of Geosciences, vol.14, no.2, 2021 (SCI-Expanded)

IV. **Solar energy plant project selection with AHP decision-making method based on hesitant fuzzy linguistic evaluation**
ÇOBAN V.
Complex and Intelligent Systems, vol.6, no.3, pp.507-529, 2020 (SCI-Expanded)

V. **Energy management maturity model based on fuzzy probabilistic linguistic term sets**
ÇOBAN V., Onar S. Ç., Öztayşi B., Kahraman C.
Journal of Multiple-Valued Logic and Soft Computing, vol.35, no.1-2, pp.217-237, 2020 (SCI-Expanded)

VI. **Pythagorean fuzzy engineering economic analysis of solar power plants**
ÇOBAN V., Onar S. Ç.
Soft Computing, vol.22, no.15, pp.5007-5020, 2018 (SCI-Expanded)

Articles Published in Other Journals

I. **Analysis of Consistency Indices of Pairwise Comparison Methods**
ÇOBAN V.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.16, no.2, pp.384-405, 2023 (Peer-Reviewed Journal)

II. **Analyzing dynamic capabilities via fuzzy cognitive maps**
ÇOBAN V., Onar S. Ç., Soyer A.
Intelligent Systems Reference Library, vol.87, pp.173-201, 2015 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **Evaluating the Consistency Indices of Pairwise Comparisons Based on Fuzzy Evaluations**

ÇOBAN V., Kahraman C.

International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.307, pp.342-350

II. **Site Selection of Grid-Connected Photovoltaic Power Plants with Fuzzy Hybrid Method**

ÇOBAN V., Onar S. Ç.

International Conference on Intelligent and Fuzzy Systems, INFUS 2022, İzmir, Turkey, 19 - 21 July 2022, vol.504 LNNS, pp.295-302

III. **Precipitation Forecasting in Marmara Region of Turkey**

ÇOBAN V., GÜLER E., KILIÇ T., YEREL KANDEMİR S.

7th International Conference on Computational and Experimental Science and Engineering, 21 - 25 October 2020

IV. **Solar Energy Power Plant Investment Selection with Unbalanced Hesitant Fuzzy Linguistic MULTIMOORA Method Based Score-HeDLiSF**

ÇOBAN V., Onar S. Ç.

International Conference on Intelligent and Fuzzy Systems, INFUS 2020, İstanbul, Turkey, 21 - 23 July 2020, vol.1197 AISC, pp.274-281

V. **Emergency Decision Making Problem of Power Cut in Turkey Using Pythagorean Fuzzy Thermodynamic Approach with Prospect Theory**

ÇOBAN V., Onar S. Ç.

International Conference on Intelligent and Fuzzy Systems, INFUS 2020, İstanbul, Turkey, 21 - 23 July 2020, vol.1197 AISC, pp.415-422

VI. **Double hierarchy hesitant fuzzy linguistic term based MULTIMOORA model for solar energy investment decision**

ÇOBAN V., Onar S. Ç.

International Conference on Intelligent and Fuzzy Systems, INFUS 2019, İstanbul, Turkey, 23 - 25 July 2019, vol.1029, pp.1025-1033

VII. **Energy management maturity model based on fuzzy logic**

ÇOBAN V., Onar S. Ç.

International Conference on Intelligent and Fuzzy Systems, INFUS 2019, İstanbul, Turkey, 23 - 25 July 2019, vol.1029, pp.1034-1041

VIII. **Solar radiation prediction based on machine learning for istanbul in Turkey**

ÇOBAN V., Onar S. Ç.

International Conference on Intelligent and Fuzzy Systems, INFUS 2019, İstanbul, Turkey, 23 - 25 July 2019, vol.1029, pp.197-204

IX. **Selection among solar power plants using fuzzy economics**

ÇOBAN V., Onar S. Ç.

10th Conference of the European Society for Fuzzy Logic and Technology, EUSFLAT 2017 and 16th International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets, IWIFSGN 2017, Warszawa, Poland, 11 - 15 September 2017, vol.641, pp.487-496

X. **Modelling renewable energy usage with hesitant fuzzy cognitive map**

ÇOBAN V., Onar S. Ç.

Uncertainty Modelling in Knowledge Engineering and Decision Making - 12th International Fuzzy Logic and Intelligent Technologies in Nuclear Science Conference, FLINS 2016, Roubaix, France, 24 - 26 August 2016, pp.692-698

XI. **Statistical analysis of bus transportation networks of Istanbul**

ÇOBAN V., Atan T.

Uncertainty Modelling in Knowledge Engineering and Decision Making - 12th International Fuzzy Logic and Intelligent Technologies in Nuclear Science Conference, FLINS 2016, Roubaix, France, 24 - 26 August 2016, pp.1124-1130

XII. **A novel Multiple Attribute Group Decision Making methodology based on Intuitionistic Fuzzy TOPSIS**

Ervural B. C., Öner S. C., ÇOBAN V., Kahraman C.

IEEE International Conference on Fuzzy Systems, FUZZ-IEEE 2015, İstanbul, Turkey, 2 - 05 August 2015, vol.2015-

November

XIII. **Analyzing dynamic capabilities via fuzzy cognitive maps**

ÇOBAN V., Onar S. Ç., Soyer A.

Joint International Symposium on "The Social Impacts of Developments in Information, Manufacturing and Service Systems" 44th International Conference on Computers and Industrial Engineering, CIE 2014 and 9th International Symposium on Intelligent Manufacturing and Service Systems, IMSS 2014, İstanbul, Turkey, 14 - 16 October 2014, pp.213-227